

## Assessing Water Supply Futures

Bay Area, Central Coast, Central Valley & Southern Cal

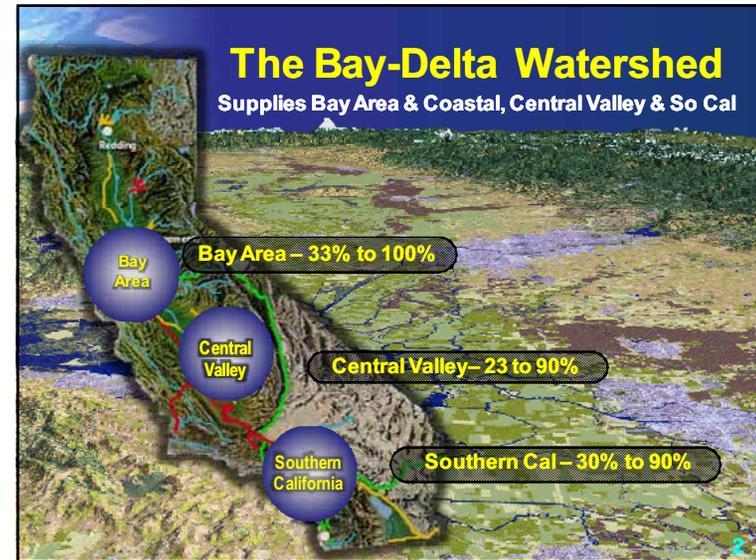


Bay Area & Central Coast

Central Valley

Southern California

Current Supply Status
Changes Since Last Drought
Contingency Planning
Recommendations



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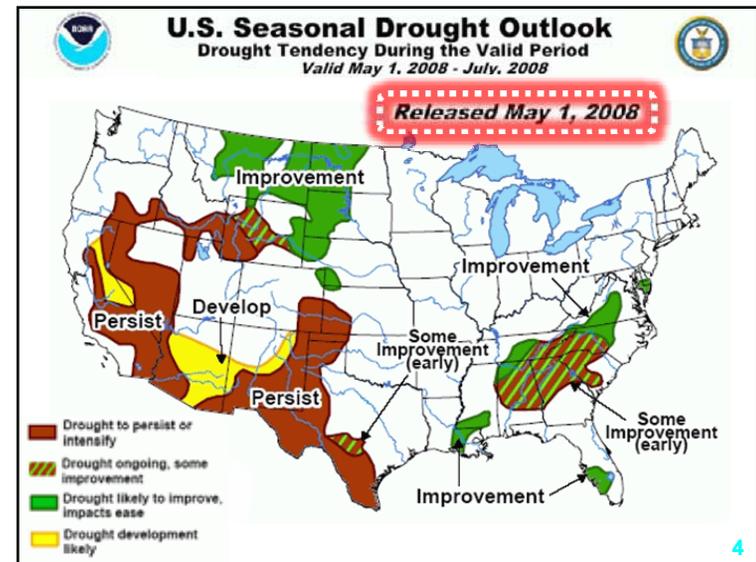


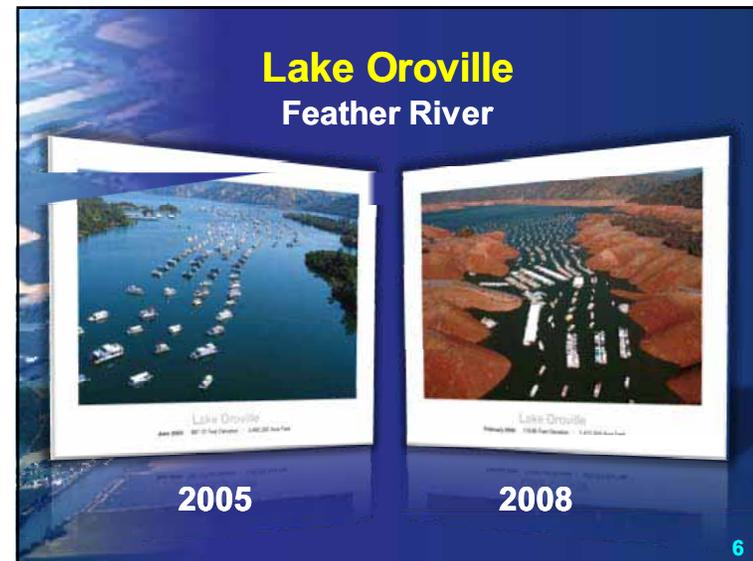
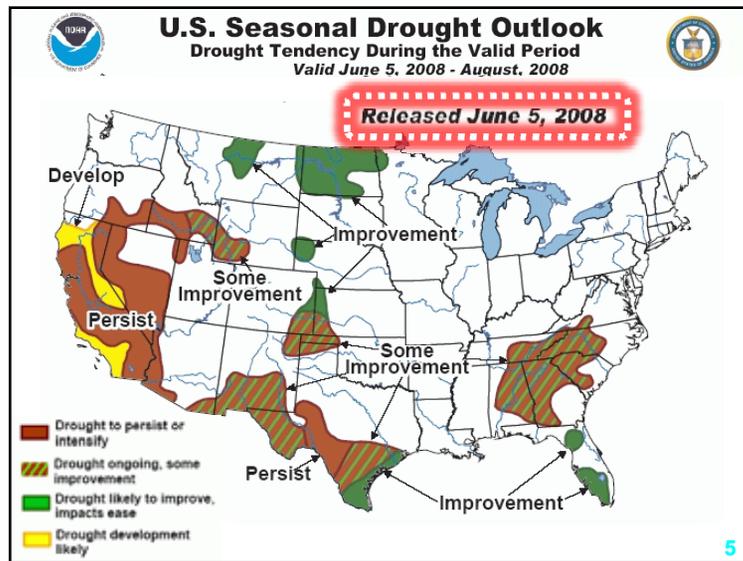
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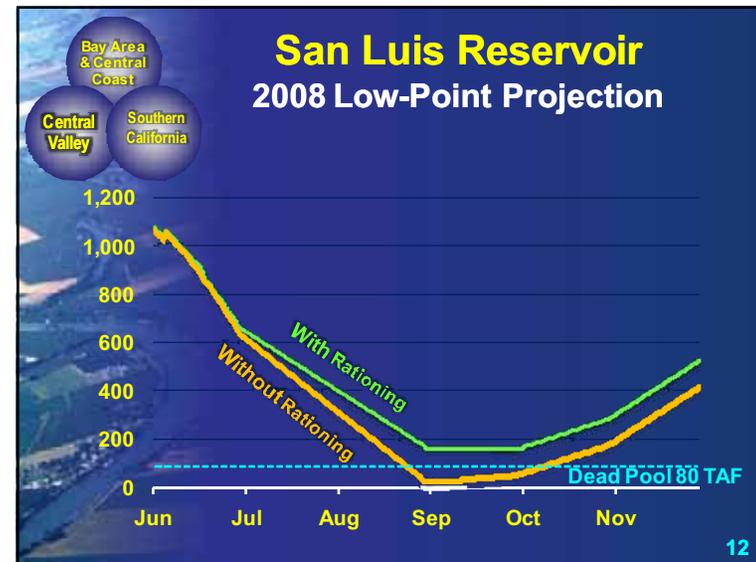
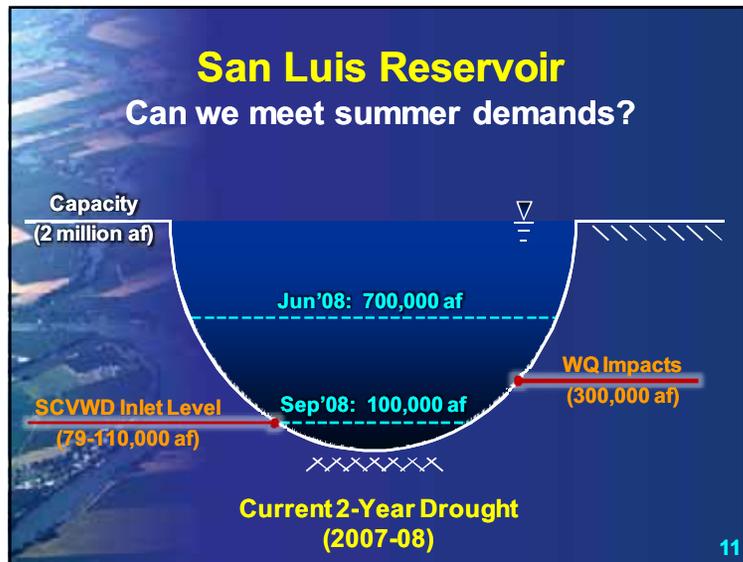
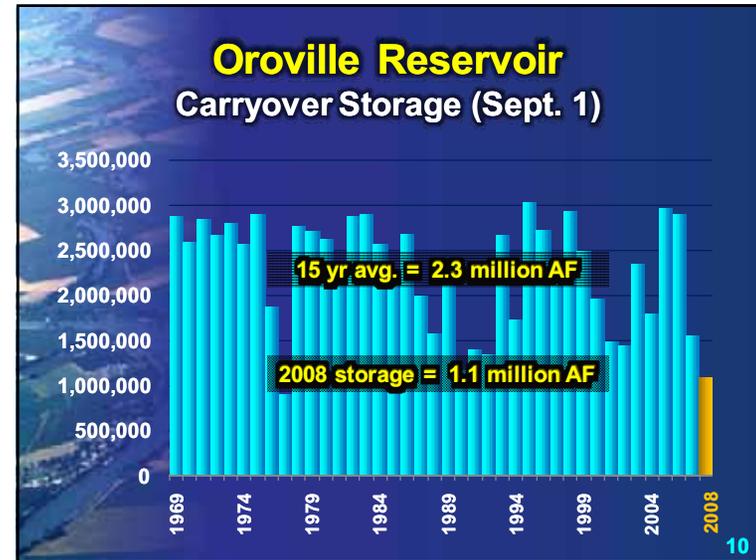
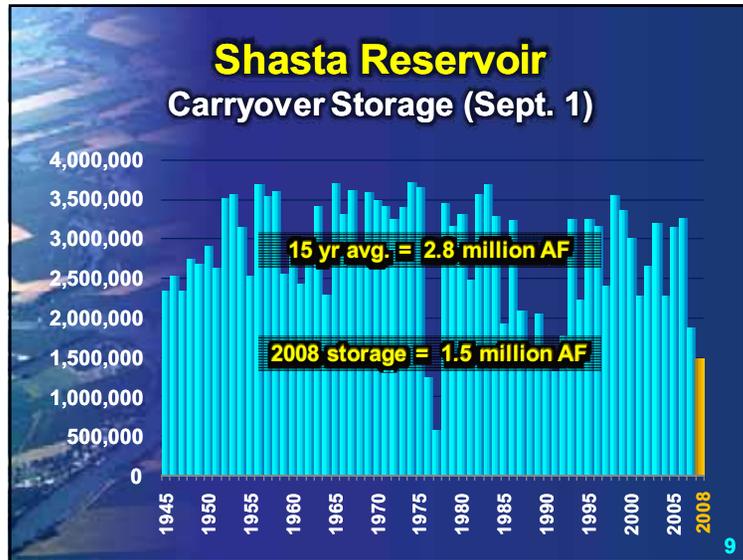


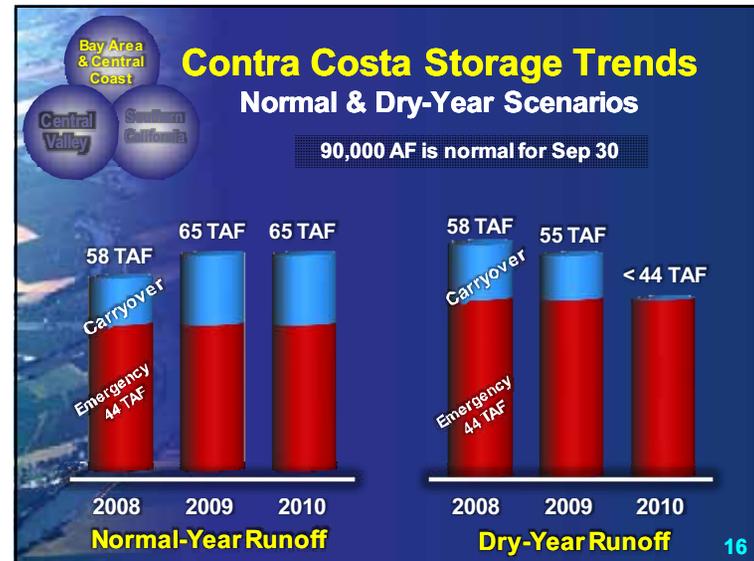
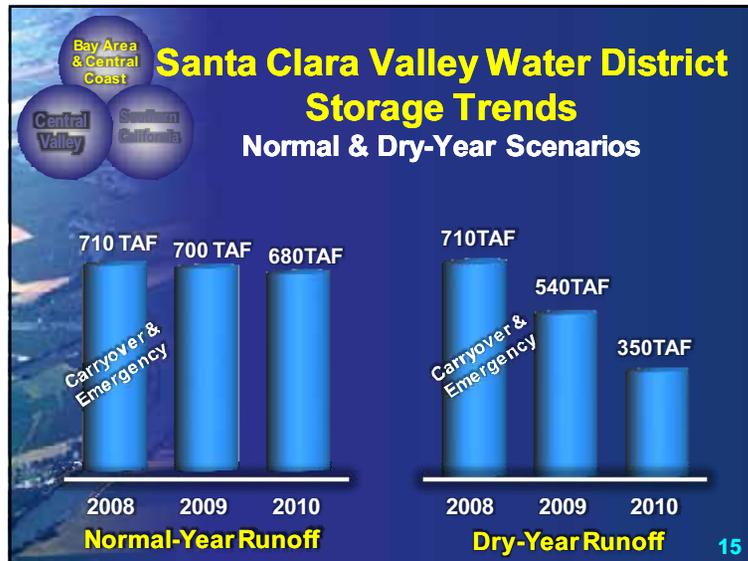
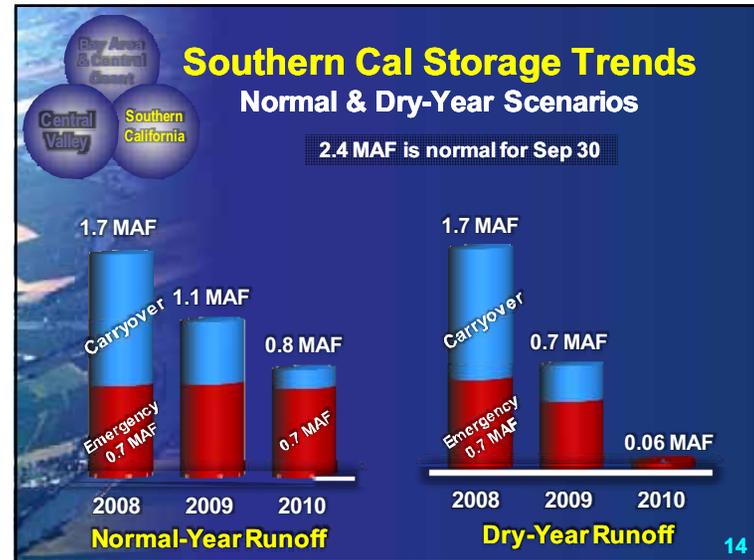


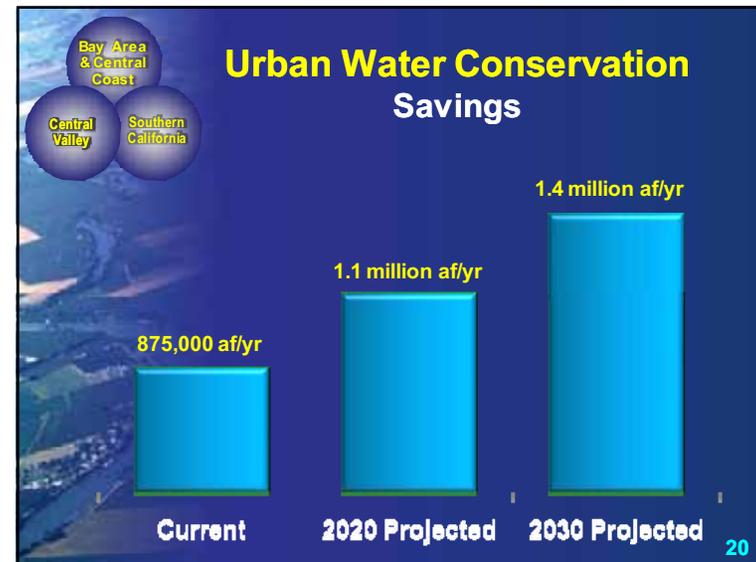
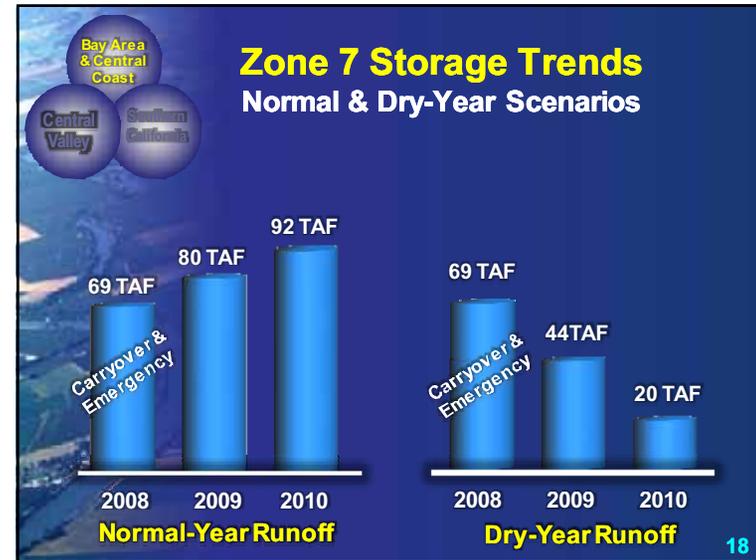
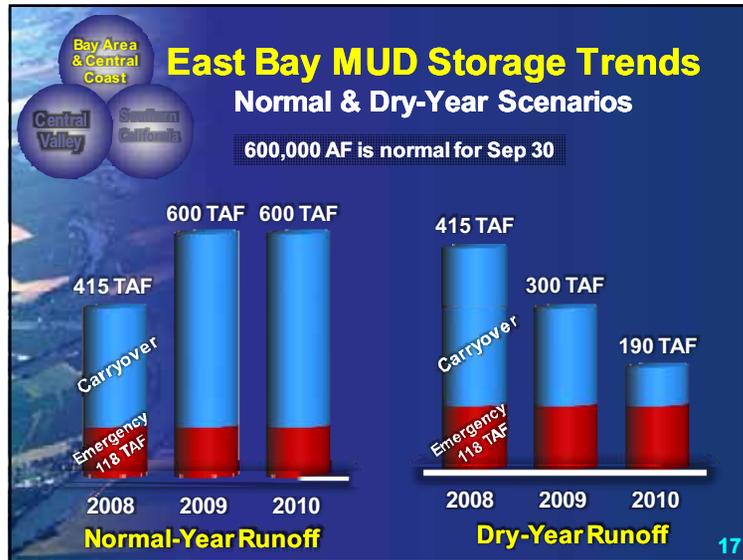
### Water Supply Status

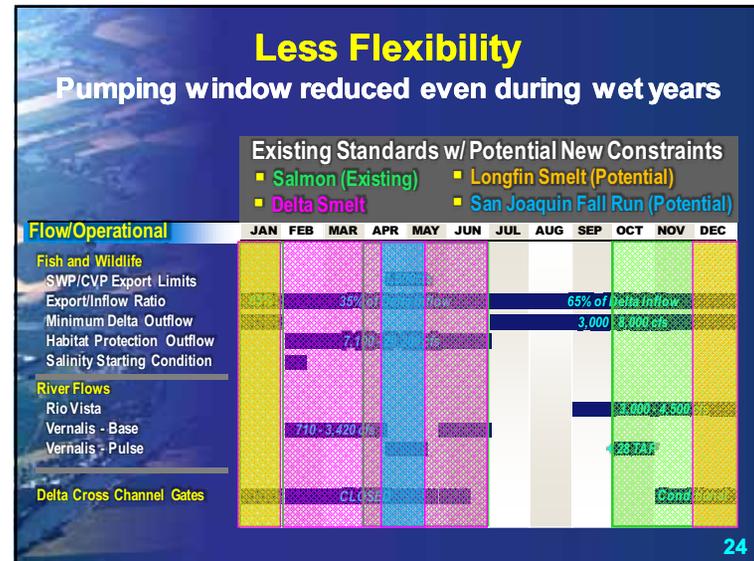
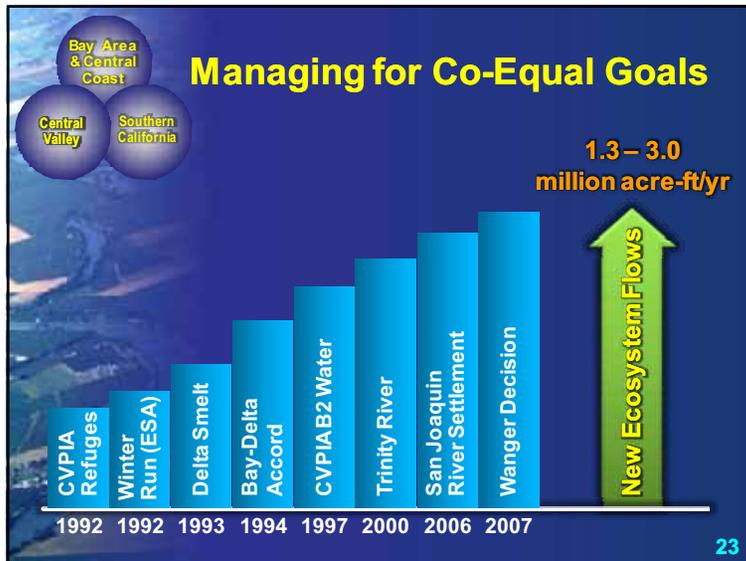
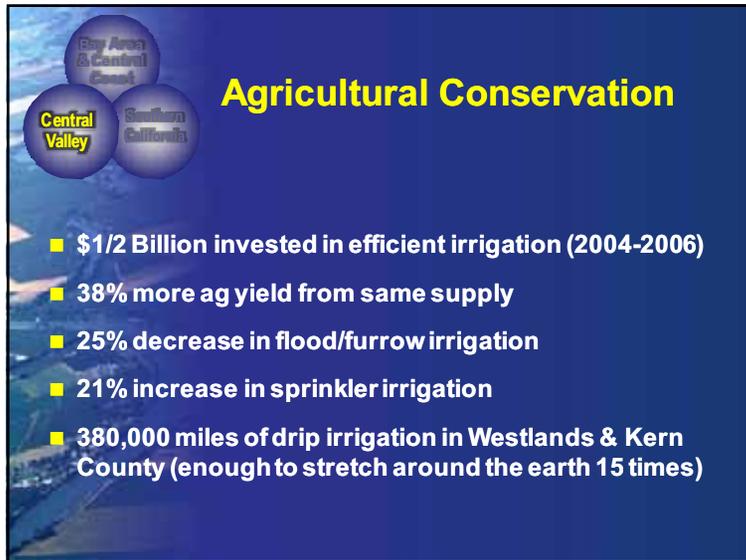
- 2<sup>nd</sup> year of critical drought
- Driest Spring on record
- Reservoirs low – Oroville at 50%
- Snowmelt runoff – 55% of normal
- New regulatory restrictions

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Contingency Planning

## Contingency Planning

Local & Interagency

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Southern California

- Urban Water Mgmt Plan requires contingency plan
- Voluntary mutual aid system; no formal provisions
- Infrastructure/pipeline interties
- Short-term transfers
- State facilitation



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## Assessing Water Supply Futures

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Recommendations

## Near-Term Measures to Improve Habitat & Reduce Supply Impacts

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Central Valley

Southern California



Habitat Projects



Physical Actions



Operational Actions

Other Stressors



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## Key Near-Term Measures Eco-Habitat Projects

- **Decker Island**
  - Opportunity for 400 acres of tidal marsh; above sea-level
- **Dutch Slough**
  - Opportunity for 1,200 acres of tidal marsh; acquired by DWR in 2003; completed draft EIR
- **Meins Landing**
  - Opportunity for 680 acres of tidal marsh; acquired by DWR in 2005
- **Yolo Bypass**
  - Improve fish passage & flow control at Fremont Weir

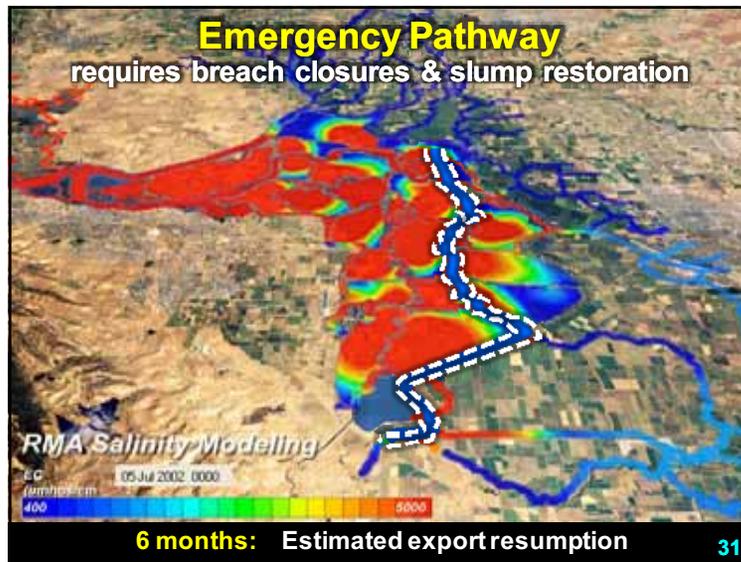
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## Key Near-Term Measures Other Measures

- **Rock & Material Stockpiling**
  - \$200 to 300 million available in Prop 84
- **Levee Improvements**
  - \$120M cost (\$100M Prop. 1E, \$20M local share)
- **EBMUD In-Delta Aqueduct Improvements**
  - \$30M Prop. 84 (\$10 million for lifeline interties)
- **Demo SWP Fish Screens**
  - Approx. \$53 million available in Prop 13
- **Middle River Improvements (2-barrier option)**

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## Key Issues/Message

- **Current Supply Status**
  - Supplies for watershed exporters are in a serious situation; requires immediate action & a long-term plan
- **Changes Since the Last Drought**
  - Local actions have improved reliability but still vulnerable to catastrophes, prolonged drought, ESA regs & court mandates
- **Sharing Provisions**
  - Provisions currently in place will provide some relief; major challenges will be faced if not much to share
- **Recommendations for Improvements**
  - Proposed near-term actions have broad support; need appropriation of existing bond funds

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